

ABSTRACT

An electrophoretic display comprising a plurality of microcapsules disposed between a pair of substrates, wherein each microcapsule comprises a capsule body containing an insulating fluid and charged particles dispersed in the fluid. The microcapsules are contacted with at least the substrate arranged at a display face side of the pair of substrates and each microcapsule has a flat surface at least at the display face side so that the substrate at the display face side is in face-to-face contact with the microcapsules. As a result, the proportion of the contact area of the substrate with the microcapsules increases compared with the traditional electrophoretic display, preventing uneven displaying and achieving increased contrast and high-quality displaying.